

Client:	Sprague Energy Corporation	Lab Reference Number:	2010-NYHB-001119
Job Location:	Sprague Energy Corporation	Date Taken:	14-May-2010
Our Reference Number:	US340-0038471	Client Reference:	V-10-00668
EPA Batch No:			
EPA Qty. - US Gals.:			
EPA Qty. - US Bbls.:			

OSHEGO

Sample ID:	2010-NYHB-001119-014	Sample Designated As:	6 FUEL
Vessel/Location:	A-397	Date Tested:	15-May-2010
Representing:	Shore Tank 5 Equal UML Composite After Discharge		

Method	Test	Result	Unit
ASTM D4052	API Gravity @ 60°F	15.2	°API
ASTM D4294	Sulfur Content	1.34	Wt %
ASTM D97	Pour Point	0	°C
ASTM D97	Pour Point	32.0	°F
ASTM D445	Kinematic Viscosity @ 122 °F/ 50 °C	363.4	mm²/s
ASTM D2161	Saybolt Furol viscosity, 122 °F	171.5	SFS
ASTM D93	Procedure Used	B	
ASTM D93	Corrected Flash Point	198	°F
ASTM D1796	Water and Sediment	0.10	Vol %
ASTM D95	Water Content	0.0	Vol %
ASTM D482	Ash @ 775 °C	0.033	Wt %
ASTM D240	Gross BTU - LB	18663	BTU/lb
ASTM D240	Gross BTU - Gal (Calculated)	149920	BTU/gal
ASTM D473	Sediment by Extraction	0.04	Mass %
ASTM D4530	Average Micro Method Carbon Residue	8.54	Wt %
ASTM D5762	Nitrogen Content	2900	ppm
ASTM D5708_MOD	Sodium, ppm	24.7	ppm
ASTM D5708	Vanadium Content	33.6	mg/kg
ASTM D3279	n-Heptane Insolubles (Asphaltenes)	1.8	Wt %

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Signed: _____
Intertek

Date: _____

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